Philips
LCD monitor

19"
SXGA

190S7FB

Big screen performance within your budget

The compact 190S7 pumps up productivity with big screen performance, VGA or DVI signal input option, and great convenience while business-friendly features like SmartManage deliver the best total cost of ownership.

Best total cost of ownership solution

- Empowered for Windows Vista
- SmartManage compatibility enables LAN-based asset management
- Power consumption below the industry average
- TCO'03 guarantees the highest safety and ergonomic standards
- Environmentally responsible Energy Star partner

Outstanding front of screen performance

- Fast 8ms On/off response time:Great text & graphics display
- SXGA 1280 x 1024 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals
- sRGB ensures color matching between display and printouts

Great convenience

- Easy to adjust display settings with Philips SmartControl
- Auto adjustment for perfect picture display with one touch

PHILIPS
sense and simplicity

LCD monitor
19" SXGA

190S7FB/27

Specifications

Picture/Display
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 19"/ 48 cm
- Effective viewing area: 14.8 x 11.9 inch
- Pixel pitch: 0.294 x 0.294 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 700:1
- Display colors: 16.2 M
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Response time (typical): 8 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 75 Hz (digital input)
- Optimum Resolution: 1280 x 1024 @ 60 Hz (digital input)
- Video Dot Rate: 140 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

Convenience
- User convenience: On-screen Display, SmartManage enabled
- Monitor Controls: Auto, Brightness Control, Left/ Right, Menu (OK), Power On/Off, Up/Down
- OSD Languages: English, French, Portuguese, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, EMC, FCC-B, UL, CSA, Energy Star, SEMKO, TÜV/GS, TÜV Ergo, TCO '03
- Tilt: -5° to 20°
- VESA Mount: 100 x 100 mm

Accessories
- Included Accessories: AC Power Cord, VGA cable, DVI cable
- Optional accessories: Super Ergo Base
- User Manual

Dimensions
- Box dimensions (W x H x D): 490 x 451 x 159 mm
- Box dimensions in inch (W x H x D): 19.3 x 17.8 x 6.3 inch
- Set dimensions (W x H x D): 424 x 361 x 65.1 mm
- Set dimensions in inch (W x H x D): 16.7 x 14.2 x 2.6 inch
- Set dimensions with stand (W x H x D): 424 x 418 x 211 mm
- Set dimensions with stand in inch (W x H x D): 16.7 x 16.5 x 8.3 inch
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 4.3 kg
- Product weight (+stand) (lb): 9.5 lb
- Weight incl. Packaging: 6.1 kg
- Weight incl. Packaging (lb): 13.4

Power
- Complies with: Energy Star
- Consumption (On mode): 34 W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - green, Stand by/sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

Windows Vista ready
Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

SmartManage enabled
SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

Lower power consumption
Reduction of the electrical power required to operate a device.

TCO '03 compliance
A TCO (Swedish Confederation of Professional Employees) standard even more stringent than MPR-II for safety and ergonomics, especially concerning alternating electric fields (AEF).

8ms response time (On/Off)
On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of text and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

Dual input
Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

sRGB ready
sRGB is an industry standard that ensures the best possible match between the colors displayed on your screen and those in your printouts.

SmartControl
PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way.

One-touch auto adjustment
The auto adjustment key restores optimal screen position, phase and clock settings with the press of a single button - without navigation through OSD menus and control keys.

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